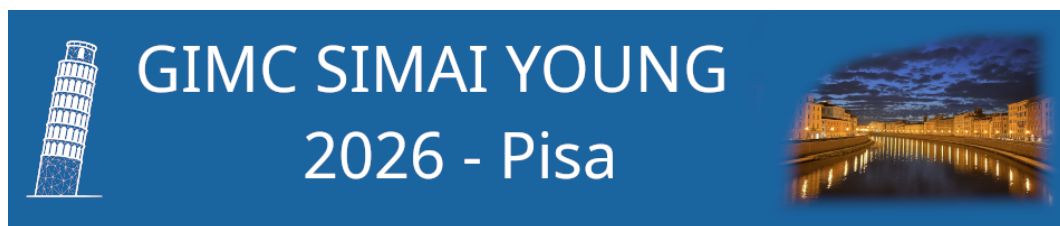


Session Program

3-5 Jun 2026



GIMC SIMAI Young 2026

MS11.2 - Advances in Computational Plasticity, Damage and Fracture

Pisa

Friday 5 June

14:00

MS11.2 - Advances in Computational Plasticity, Damage and Fracture

Session | Location: Pisa

14:00-14:15

Fracture of high-strength aluminum sheet in single point incremental forming

Speaker

Marwen Habbachi

14:15-14:30

Path-following methods for quasi-static crack propagation : Application to phase-field fracture

Speaker

Flavien Loiseau

14:30-14:45

Variational approach to dynamic cohesive fractures

Speaker

Giovanni Rizzo

14:45-15:00

Numerical Benchmarking of Phase-Field Fracture Implementations Across Open-Source and Commercial Finite Element Frameworks

Speaker

Stefano Domesi

15:00-15:15

Modeling the Creep Behavior of Cracked Concrete Beams Strengthened with Externally Bonded FRP Plates Using a Cohesive Zone Approach

Speaker

Khamis Hadjazi

15:30